READY TO ENGAGE

‘The more I learn, the more confused I feel’

DAILY ELECTION PAGE in metroNEWS

Ottawa metro

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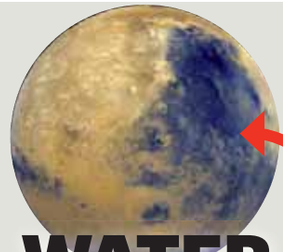

WATER (AND MATT DAMON) ON MARS
THE FACTS AND FICTION
metroNEWS & metroLIFE

Old haunt still open to tours

ENTERTAINMENT

Organization that runs hostel does not want to end walks

Joe Lofaro
Metro | Ottawa

It appears the Haunted Walk tour through the former jail on Nicholas Street might be spared the death sentence it was given last week.

Hostel International Ottawa general manager said in an interview last week it was no longer feasible to operate the historic building as a hostel and have walking tours, and that it would terminate its contract with Haunted Walk on June 26, 2016.

“We’re saddened by the decision, but we felt it was not compatible with the operating of the hostel itself,” said Greg Brockmann last Tuesday.

However, the not-for-profit association that runs the hostel issued a news release Monday morning saying it “regrets the misinformation” that was shared last week and maintains it does not want to end the public tours.

“I think there was a misunderstanding amongst the parties ... I think people interpreted each other differently,” said Alistair McLean, acting national executive director for Hostel International-Canada.

HI-Canada met with Mayor Jim Watson and Rideau-Vanier Coun. Mathieu Fleury last Thursday to discuss a way to find a balance to maintain “specialized visits to the hostel” while not disturbing guests.

McLean said talks will continue between the hostel group and Haunted Walk to resolve the matter.

EMMA JACKSON/FOR METRO

MAKERSPACE ON WHEELS

Mobile van hooking kids on high-tech gadgets
metroNEWS

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Your essential daily news

Apple sells 13 million iPhones in three days. **Business**

Campaign a labour of love for Ottawa couple

ELECTION 2015

Ex-military pilot working day and night to gain support

Amelia Buchanan
Algonquin College

Most couples celebrate their wedding anniversary with a night on the town. But Liberal candidate Karen McCrimmon and her husband Robert recently spent their 30th anniversary knocking on doors and putting up signs in the Kanata-Carleton riding.

FULL COVERAGE

With the federal election now in full swing, Metro Ottawa and Algonquin College have teamed up to provide the most comprehensive campaign coverage in the city.

We've assigned second-year journalism students to cover candidates in every riding in the Ottawa area, from Kanata to Orleans to Osgoode and everything in between.

"He's behind me 110 per cent," said McCrimmon of her husband. "He's my biggest fan."

It's an example of the military pioneer's determination. Since her defeat in the former riding of Carleton-Mississippi Mills in the 2011 federal election, McCrimmon has worked to build a base of Liberal supporters in what has traditionally been a Conservative stronghold.

"She ran in the last election, she ran for the leadership of the party, it's all been leading up to this election," said McCrimmon's former campaign manager, Chelsea Kusnick.

McCrimmon and her husband did take time on their Sept. 7 anniversary for a quiet dinner together — something she said doesn't happen often these days. For much of their marriage they both flew planes in the Canadian Forces, before Robert left the military to become an Air Canada pilot.

"There have been times that I've been landing and he's been taking off," said McCrimmon.

Their family moved to the West Carleton-March area five-and-a-half years ago, a place McCrimmon says offers the best of both urban and rural worlds. When she needs energy she goes to Kanata, and when she needs to relax she takes a walk through one of the small towns.

Once winter arrives, McCrimmon will hop on a snowmobile with her friends and fly over the snow.

"It's got a throttle, OK! I do like going at speed," she said.

Liberal candidate Karen McCrimmon and her husband Robert recently spent their 30th anniversary knocking on doors and putting up signs in the Kanata-Carleton riding.
COURTESY KAREN MCCRIMMON

> **Anybody who can go from a candidate to a colonel, and fly an airplane and be in charge of a whole squadron ... is quite capable of representing us.**
> 91-year-old veteran Roly Armitage

McCrimmon also enjoys quieter pastimes, like reading books about the impact of climate change.

"The environment is something that really matters to me, and I don't know a lot about it," she said.

But what she does know has certainly made an impression on people like 91-year-old veteran Roly Armitage.

"Anybody who can go from a candidate to a colonel, and fly an airplane and be in charge of a whole squadron — any lady that can do that — is quite capable of representing us on Parliament," said Armitage.

TACTICAL UNIT

Police service gets green light for night vision goggles

Ottawa police received the green light to purchase several night vision goggles for the tactical unit — a piece of equipment that was flagged as a requirement in a report on the Oct. 22, 2014, shooting on Parliament Hill.

The Ottawa Police Services Board approved the purchase at a meeting Monday night.

The police service will purchase 29 NVD-BNVD P+ goggles and train its tactical officers at a cost of $407,045. The estimated cost excludes tax.

Last May, an internal review of the police response to the Oct. 22 attack revealed confusion and chaos among the hundreds of officers deployed to the scene, according to several media reports.

BENEFITS

The NVD-BNVD P+ Night Vision Goggles better align to meet current best practices and the standards being used by the RCMP and OPP.

Ottawa Police Chief Charles Bordeleau said tactical units deployed to the Parliament Hill buildings had issues working in darkness, plus there were problems communicating with the RCMP over the radio.

Millbrook Tactical, the Stittsville-based supplier, will also provide officers a two-day training course, which is expected to be wrapped up by Oct. 17, according to a report tabled at Monday's meeting.

"Being that the goggles are securely mounted to a wearer's helmet, officer safety is enhanced as it would allow for the officer's hands to be free and use of force options more readily accessible," Bordeleau noted in the report.

JOE LOFARO/METRO

COURTESY MILLBROOK TACTICAL INC.

CRIME

Officers nab teen pimp in drug bust

Joe Lofaro
Metro | Ottawa

An 18-year-old woman who served time in jail as a youth for her role in a teen pimping ring has been nabbed by Ottawa police again for allegedly trafficking crack cocaine.

The woman — who cannot be identified under provisions of the Youth Criminal Justice Act — is facing two drug trafficking charges and one count of possession of proceeds of crime.

Police allege she trafficked the controlled substance on Aug. 13, 2015. Police also seized $110, allegedly from trafficking the drug.

Details of the woman's stint as a teen pimp where she and her two co-accused forced girls as young as 13 to perform sex acts against their will were revealed at their high-profile human trafficking trial in 2013 and 2014.

The 18-year-old is now facing fresh drug charges and entered a surprise mid-trial guilty plea along with one of her two other co-accused. A judge handed her the maximum sentence for a youth convicted of human trafficking — three years — however, she was credited for time already served in jail and ended up serving a seven-month sentence behind bars.

"These were vicious, premeditated attacks," said Ontario Court Justice Diane Lahaie during a January 2014 sentencing hearing.

Lahaie also placed strict conditions upon her release and ordered her to stay sober, refrain from possessing any weapons and not contact the victims or their families.

She was released from jail last year.

Her next court appearance is on Wednesday, according to court records.

> **These were vicious, premeditated attacks.**
> Ontario Court Justice Diane Lahaie

Conservative candidates say no to debate: Mayor's office

ELECTION 2015

Watson calls decision to stay away 'disappointing'

Michael Woods
Metro | Ottawa

The Conservative party isn't sending a candidate to debate local issues at city hall next week, a decision Mayor Jim Watson called "disappointing."

Watson invited each party to send one candidate to the Oct. 5 debate, which will focus on issues important to the city, such as transit, infrastructure and housing.

The NDP, Liberals and Greens are sending candidates, but the Conservatives are snubbing the event.

"I'm grateful that three of the four major parties have accepted the invitation, but disappointed that the Conservatives couldn't find one of their nine candidates to give the city an hour to highlight some of their priorities for our city," Watson said in an interview Monday.

The Liberals are sending Ottawa Centre candidate Catherine McKenna, and the NDP is sending Ottawa-Vanier candidate Emilie Taman.

Nepean Green party candidate Jean-Luc Cooke will also participate.

Watson said Carleton Conservative candidate Pierre Poilievre emailed him to inform him no Conservative candidate is available for the debate.

"Ultimately, it's their decision. We can't force them to come," Watson said. "But we thought it was a good opportunity to give all the parties a platform to talk about issues that are important to our city."

A Poilievre campaign spokeswoman said "Conservative candidates have participated in dozens of all-candidates debates across the city in various forms."

"As we get closer to election day, our priority is to be out on doorsteps, discussing our low-tax, balanced budget plan," spokeswoman Marian Currie said in an email.

Dev Balkissoon, left, and Pierre Poilievre, right, were the only two local Conservative candidates to attend a briefing at Mayor Jim Watson's office earlier this month. MICHAEL WOODS/METRO FILE

> **"I'm grateful that three of the four major parties have accepted the invitation, but disappointed that the Conservatives couldn't find one of their nine candidates to give the city an hour.**
> Mayor Jim Watson

The debate is part of the mayor's efforts to spotlight local issues during the federal election campaign.

He invited local candidates from all the parties to briefings with city staff in late August and early September. The Conservatives were a no-show for their initial briefing, then sent two candidates to a rescheduled meeting the following week (the other candidates were at a rally with leader Stephen Harper).

The mayor said it's "strange" the Conservatives aren't attending the debate next Monday. He said they have "a good story to tell" about supporting the capital, such as committing to fund one-third of the next phase of light rail transit, as well as cleaning up the Ottawa River.

"I don't quite understand why they wouldn't bring forward a candidate," Watson said. "This is a missed opportunity."

He conceded that the Conservatives have made some unpopular decisions — namely, the location of the proposed memorial to the victims of communism — that they could be asked about.

"But you can't simply not go to a debate because you feel you're going to have to field some tough questions," he said.

The mayor also sent out an 11-question survey to political party leaders and local candidates. The answers to the questionnaire are due on Wednesday, after which the mayor's office will post the unedited responses online.

When Watson and Gatineau Mayor Maxime Pedneaud-Jobin announced in August that they would team up to spotlight municipal issues during the federal campaign, they said the intention wasn't to arrive at an endorsement of any candidate or party. Watson suggested that hasn't changed.

In announcing the joint initiatives with Gatineau mayor Maxime Pedneaud-Jobin, the mayors said they didn't intend to arrive at any endorsements. That hasn't changed.

"It's unfortunate that one party has chosen not to be as actively engaged in this process," he said. "But the public will make their minds up on who they think is best able to help our city in the years ahead."

Members of the public are invited to the Oct. 5 debate on a first-come, first-served basis.

ELECTION 2015

NDP going after Ottawa Liberals with plan for public service

The NDP will fire the latest salvo in the battle for public servants' votes on Tuesday, with a news conference contending that the Liberal fiscal plan signals cuts to the public service.

The announcement at Ottawa-Vanier NDP candidate Emilie Taman's campaign office will seize on the $6.5 billion in savings included in the Liberal fiscal plan, which was released Saturday, and Liberal candidate John McCallum's words that "nothing is totally off the table."

An NDP source said the party views the plan as a strategic mistake that will undermine Liberal campaigns in the national capital region, but particularly in Ottawa-Vanier, where longtime Liberal incumbent Mauril Bélanger is hoping to win an eighth straight election.

"It's going to pose a real threat to Mauril Bélanger's campaign," the source said.

With so many public servants in Ottawa-area ridings, the two opposition parties are jockeying for position in an effort to gain their votes.

Both the Liberals and the NDP have vowed to repair what they have characterized as a broken relationship between public servants and the Conservative government.

They have both pledged to return to evidence-based policy and to unmuzzle federal scientists, which are important matters for federal unions.

On Friday, the Liberals held a news conference detailing their plan to repair that relationship, including renegotiating sick leave with public sector unions.

But the NDP on Tuesday will contend that the Liberals' plan for "savings" is code for cuts. The announcement will also harken back to Liberal government cuts to programs in the 1990s.

The NDP will also highlight its plan for the public service, including a code of conduct for ministers and their staff, and a public appointments commission for appointments to federal agencies, boards and commissions.

The announcement demonstrates the party's high hopes for Taman in Ottawa-Vanier, where the New Democrats finished second by nine percentage points in 2011.

Ottawa-Gatineau NDP incumbents Paul Dewar, Nycole Turmel, Françoise Boivin and Mathieu Ravignat will join Taman at the news conference.

The party is also sending Taman to next week's candidates debate at Ottawa City Hall, rather than Dewar, who has been a Member of Parliament since 2006 and is the party's point man for Eastern Ontario.

MICHAEL WOODS/METRO

BACKGROUND

The Liberal platform calls for a balanced budget by the fourth year of their fiscal plan. To get there, they say a Liberal government would seek out billions in savings from eliminating a number of tax breaks, cutting back on government spending and cracking down on tax evasion.

THE CANADIAN PRESS

Employees keep an eye on the electrical system at the Hydro One Grid Control Centre in Barrie on April 27. FRANK GUNN/THE CANADIAN PRESS FILE

Municipalities revolt over sale

PRIVATIZATION

Politicians say Grits paying a hefty price for ignoring them

Municipal politicians opposed to the Ontario government's plans to sell Hydro One said Monday that the issue is hurting federal Liberals on the campaign trail and will come back to haunt the provincial party, as well.

More than a third of Ontario's municipalities, 165 so far, have passed resolutions opposing the Liberals' plans to sell the giant electricity transmission utility, with many complaining they were not consulted.

"This is a government that loves to consult, and I think that's been one of the biggest criticisms over the years, of consulting municipalities to death," said Sarnia Mayor Mike Bradley.

"They engage us in consultation on speed limits, clothes lines, on pit bulls, but on the big issue that impacts on our communities economically — and I would make the case eventually socially — they failed to let us have our voice."

Sarnia Mayor Mike Bradley says many town and cities were not consulted about the plan. LUCAS OLENIUK/TORSTAR NEWS SERVICE

Ontario Energy Minister Bob Chiarelli claims the Liberals did campaign on the proposal. NATHAN DENETTE/THE CANADIAN PRESS FILE

Federal Liberal candidates knocking on doors for the Oct. 19 election are hearing about the planned sale, "and not in a good way," added Bradley.

"It is a handicap for the Liberal candidates," he said. "Northern Ontario has made it very clear they don't support this, and southwestern Ontario doesn't support this, but we're not being listened to."

Voters wonder that if Wynne is prepared to act in a unilateral way, would Justin Trudeau act in a similar manner, said Katrina Miller of the Keep Hydro Public coalition.

"She's moving forward on an ill-fated, precedent-setting sell-off that seems to be a fire sale, with no desire to listen to what anyone else is saying," said Miller. "If she's willing to do that, they question whether or not Justin Trudeau may be headed in the same direction."

Whitby Coun. Chris Leahey said federal and provincial Liberals will "absolutely" pay a price at the polls for Wynne's decision to plow ahead with the sale despite surveys showing over 80 per cent of Ontarians oppose the privatization.

The Liberals didn't tell voters in the 2014 Ontario election that their plans for asset sales meant privatizing Hydro One, despite Wynne's claim that she has a mandate to sell the utility, added Leahey.

"Selling Hydro One was not part of their election plan, so where is the consultation," he asked. "People are worried their hydro rates will go up."

> **This is a bad idea, and everyone knows it, it seems, except for them.**
> Katrina Miller of the Keep Hydro Public coalition

$9 billion

The Liberals hope to raise $9 billion from selling 60 per cent of Hydro One and vow to use $5 billion to pay down hydro debt and the remaining $4 billion to help fund public-transit and infrastructure projects.

Bradley said voters would have "to be Sherlock Holmes" to have figured out the Liberals were talking about selling Hydro One when their 2014 campaign platform spoke about "optimizing the value of provincial assets."

Energy Minister Bob Chiarelli insisted the Liberals did campaign on the sale of Hydro One and said details were in last year's budget, but that was introduced more than a month after the June 2014 election.

"We talked about repurposing our assets without being specific," admitted Chiarelli. "The budget was very specific." THE CANADIAN PRESS

Rolf Klausener, of The Acorn and Arboretum Festival, is part of the new municipally-funded arts group which hopes to make Ottawa a music city in the same vein as Austin, Texas.
LUCY SCHOLEY/METRO

Initiative boosts local music scene

ENTERTAINMENT

Industry coalition funded by $40K grant

Lucy Scholey
Metro | Ottawa

A new city-funded arts initiative is looking to boost Ottawa's buzzing music scene.

Backed by a $40,000 city seed grant, the Ottawa Music Industry Coalition will act as promoter and advocate for the city's musicians.

Influential musical minds like RBC Bluesfest executive director Mark Monahan, Kelp Records founder Jon Bartlett, Gabba Hey owner Luke Martin and Arboretum Festival director Rolf Klausener are part of the new coalition.

"There's a lot going on in the Ottawa music scene, but there's no association or group that brings all of those different entities together," said Monahan, the coalition's interim president. "It's not necessarily that individuals are not organized, but there's no collective to share ideas and to get together as a group maybe to discuss issues."

The group came together following a report on Ottawa's music scene from earlier this year. Local singer-songwriter Andrew Vincent, researcher Ian Swain and City of Ottawa staffer Kwende Kefentse concluded that Ottawa has the potential to be a music city, similar to Austin, Texas, home of SXSW.

The Ottawa Music Industry Coalition will host a series of town hall meetings this fall for artists, business owners and patrons before ironing out a mandate for its first year.

"It's actually a great time, I believe, for Ottawa musicians and the Ottawa music scene and it's an opportunity that, if we can get our act together, could create a bigger scene and more opportunities," said Monahan.

IN BRIEF

Jury selection begins in Canadian soldier's trial
The trial of Canadian soldier Howard Richmond accused in the 2013 murder of his wife could start as early as Tuesday. Richmond, 52, a warrant officer with the Canadian Forces, was charged with first-degree murder after a frantic days-long search for his missing wife, Melissa Richmond.

The 28-year-old's body was discovered in a ravine behind the Kelsey's restaurant in South Keys on July 28, 2013. The trial is scheduled for at least five weeks.
JOE LOFARO/METRO

WINTER PARKING

City wants more flexibility during snowstorms

Emma Jackson
Metro | Ottawa

Residents who park on the street know the pains of a winter storm: how will you get your car off the street? Do you take your chances at a local business? Will your friend lend you their extra spot?

It's a mad scramble the city is hoping to make a little easier with changes to its overnight parking ban this winter.

Transportation committee chairman Coun. Keith Egli wasn't forthcoming about all the details — the report will be released later this week — but he said the recommendations up for debate at a meeting on Oct. 7 include improving communications with residents and more flexibility for staff to calculate the timing of a ban.

Right now, a parking ban can be called between Nov. 15 and April 1 when Environment Canada predicts seven or more centimetres of snow overnight. Cars without an on-street permit must be off the roads between 1 a.m. and 7 a.m.

That's a problem, especially since snow doesn't always fall neatly into those well-defined time frames.

"We're telling people they can't park on the road because we think the snow is coming, and then it doesn't come," said Egli.

"When it does finally arrive, often the ban is over and cars are back on the streets, making them extremely difficult to clear. We have to make (the ban) a much more flexible tool in order for it to do its job effectively."

That could include rolling ban times or increased fines for breaking the rules.

Egli wouldn't confirm if the report supports a popular suggestion to open downtown city lots overnight.

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DEVELOPMENT

Group targets highrise

Action Sandy Hill is hoping it will have the last word on a 14-storey mixed-use development being proposed for Rideau Street.

The community association has filed an appeal with the Ontario Municipal Board with the intention of walking back a city council decision to give Richcraft Group the necessary approvals to build the highrise. City council gave its blessing to the development in late August by approving an official plan and zoning amendment. The development has faced vehement opposition from the community over its height and design since it was first proposed more than a decade ago. The current plan would see a 14-storey tower sitting atop a three-storey podium at the corner of Rideau and Cobourg Streets. It would also feature a seven-storey building on Rideau Street and a 3-1/2-storey apartment building on Besserer Street.

Residents take issue with the height of the building, as the current Uptown Rideau Community Design Plan recommends only building up to six storeys on that part of Rideau Street. A former OMB decision on the developer's proposal approved a nine-storey tower. A new CDP — a planning document that recommends heights and densities developers can build to — is currently being developed by city staff, but has not yet been finalized.

The developer has fallen back on a policy in a draft version of the new CDP called a density transfer, which would allow for developers to build higher than the maximum in some parts of a site in exchange for having parts of the development that are smaller than the cap.

"They said they're relying on the spirit of the new CDP, which hasn't been finalized yet," said Sally Southey, an area resident and ASH board member.

Rideau-Vanier Coun. Mathieu Fleury, who voted against the application, said a holding provision has been placed on the application and he hopes to get the developer to concede to some community concerns through the site plan control approval process.

Fleury said he did not know whether he would support the OMB appeal as he had not seen its details yet.

"I'll have to wait and see. I'm looking forward to see what that is. It's too early to say," he said in an interview.

The OMB appeal contends that the proposal violates the existing CDP, as well as the Planning Act, the Provincial Policy Statement, the Official Plan and the Sandy Hill Secondary Plan.

ALEX ROBINSON/METROLAND MEDIA
WITH FILES FROM EMIMA JACKSON/METRO

Catholic board leaders in digital-first classrooms

EDUCATION

OCSB gets recognition from CEA for tech efforts

Haley Ritchie
Metro | Ottawa

Are smartphones a classroom distraction or a new learning tool? While other school boards might still be figuring out their answer, trustees on Ottawa's Catholic school board made up their mind five years ago.

The pay off comes this week, with national recognition from the Canadian Education Association and $10,000 from State Farm Canada towards helping continue their digital-first programming.

"We've done so much in five years, and I think this award is really recognizing that we had a vision and made it a reality," said director of education Denise André. "That's something we can be very proud of."

The board was chosen from 35 other applicants to be spotlighted in a $50,000 study on how technology can be integrated into classrooms.

> **"You can ask any student, but they just find the technology more engaging than paper and pencil.**
> Denise André

André said researchers from the Canadian Education Association have already begun interviewing teachers and students.

A full report on "innovation that sticks" is expected to be released before January, and will help other boards embrace new technology as successfully as the OCSB.

In five years the board brought in a "bring your own device" policy that lets students bring their smartphones, iPads and Chromebooks in the classroom or borrow them from the school.

Each teacher has a personal laptop, and solid tech support is central in getting teachers comfortable with new tools.

Libraries across the board were transformed into "learning commons" and Wi-Fi is universally accessible.

"You can ask any student, but they just find the technology more engaging than paper and pencil," said André. "It opens up the world for them, it connects them to other people and it's exciting. The possibilities are limitless."

The $10,000 grant from the study will go toward supporting two schools in the district where families have less money and aren't able to purchase the latest technology, according to André.

WEATHER JUST STROLLING IN THE RAIN Third-year computer science student Wei Situ tries to keep dry in the drizzle outside the University of Ottawa on Monday. Tuesday's forecast calls for a 60 per cent chance of showers in the morning and early in the afternoon, with more rain later in the day. The high is expected to be 22C and the low will be 8C. EMMA JACKSON/METRO

TECHNOLOGY

Mobile program promotes engineering in schools

Emma Jackson
Metro | Ottawa

When the University of Ottawa's MakerMobile rolls up outside a local elementary school, it's like the ice cream man has arrived — except instead of cold treats, the truck is hocking high-tech toys.

The red cube van is an extension of the university's Makerspace program, which welcomes the public to experiment with 3D printers, laser cutters and robotics on campus.

But as the space's popularity has grown, it was only natural to take the experience on the road, said Frank Bouchard, the engineering faculty's outreach manager.

"The problem is the schools have to come to us," he said. "That might not be possible for groups on the outskirts of the city who have to schedule and pay for a bus, or book the entire day of class to participate.

Now elementary and high school teachers can book half or full-day programs right on their own property, with a variety of workshops available: training robots to draw pictures, for example, or building models on a 3D printer. And everyone gets to laser-cut their own name tag.

"All in a day you can imagine, create and print out your design," said community co-ordinator Phil Chiasson, who was giving tours of the van on campus this Monday.

He had several projects on the go: a T-Rex bust in one printer and a school bus in another.

"We really want to get kids excited about engineering," Bouchard said.

"People think engineering is all about math, but it's all about designing, about making things, and that's how you get kids engaged."

Already about 150 school workshops have been booked, and the MakerMobile leaders are expanding to Scouts and Girl Guide groups, birthday parties, and private sessions.

For now, the van is borrowing equipment from the main Makerspace program.

Co-ordinators have launched a fundraising campaign on Kickstarter to buy equipment special to the van. Bouchard said they're hoping to raise $20,000.

READY TO ENGAGE

Metro's coast to coast daily election series connects young, urban Canadians to the issues they care about

First-timer's vote most likely to be a compromise

ROSEMARY WESTWOOD
in Calgary

Tina Belay is treading carefully.

The 21-year-old science major at the University of Calgary isn't used to media interviews, and on top of that, she's serious about her first chance to vote.

She pauses before answering my questions, looking for the right words.

Mostly, she's far from made up her mind on how to vote.

"Women's issues are really important to me," she says. "We are a developed nation, we're a modern nation. People think we're handling it. But these issues are still prevalent today" — things like equal pay, and violence against women. The leaders "have been talking about gender inequality, but they haven't been talking specifically about women's issues," she adds.

She hasn't immediately ruled out the Conservatives, though Stephen Harper declined to participate in a debate on women's issues, which would have been the first in decades.

Belay has dreams of finding work at a biotech company, but notes even the supposedly job-guaranteeing engineering degree holds uncertainty these days. She cares about career opportunities, and worries about the low dollar and the economy.

When I ask for her wish list in the next prime minister, Belay gets animated. "My wish list! OK."

She'd like to see bills C-51 (on surveillance, supported by the Liberals) and C-24 (on dual citizenship) repealed.

She'd like a missing and murdered indigenous women inquiry.

She'd like a national minimum wage, and says the NDP's $15-an-hour plan could be a good start.

"The environment is a huge thing," she adds. "Climate change is real. We have to start looking at sustainable sources of energy, less reliance on Alberta's oil. It is a really important part of our economy, but it's not sustainable."

Despite feeling like she's in the middle of the political spectrum, if not slightly left, she's not ready to rule anyone out. And the decision isn't getting easier.

"The more I learn, the more confused I feel," she says. In an election where many see the NDP as having been outflanked to the left by the Liberals, she's not alone. The parties aren't sticking to the cookie-culture image of political ideologies, she says.

With no obvious political home, this — her first vote — will undoubtedly be a compromise. It would help, she said, if the parties offered more specifics for some platform plans. "How exactly are you going to do that? People need to hear concrete actions they're going to take."

Rosemary Westwood is travelling across the country talking to young voters. Tomorrow she is in Ottawa

VOTER PROFILE

Name: Tina Belay **Age:** 21 **Riding:** Calgary Skyview
Her issues: Women's rights, environment, Bill C-51, missing and murdered women, minimum wage, climate change

Youth eye change in Calgary, but will they vote?

TURNOUT

Young voters don't cast ballot until older, data show

Aaron Chatha
Metro | Calgary

In 2006, Tyler Longmire was sitting in his university residence with friends, knocking back shots of liquor while they watched the federal election.

It was the first election in which he was old enough to cast a ballot and one that saw Stephen Harper elected into office for the first time, with a minority government. The rest of the night is a blur.

Fast-forward to the upcoming Oct. 19 election, and Longmire, now 27 and having grown up in Conservative Alberta, thinks that young Albertans will be voting for a change in federal power — just as they did when the NDP took the province in the May provincial vote.

"Just from my experience, I definitely don't know any people my age or younger who are really stoked for the Conservatives to win," he said. "But, then again, maybe that's just the circles that I run in."

Tyler Longmire believes there is an appetite for change among young Calgarians — but also a lot of apathy, which will prevent youth from turning up at the polls. AARON CHATHA/METRO

He believes the youth vote has soured on the Conservatives due to issues like Bill C-51, university and research funding and environmental decisions.

Melanee Thomas, political science professor at the University of Calgary, said the youth vote may have less to do with a need for change, however, and more to do with reflecting their parents' values.

"People who were 18, their parents are, what, 45?" she said. "Their parents are voting (New Democrat) at close to, but not quite, the same rate as their kids," she said.

Thomas said experiences like getting married and moving to a different community may change someone's party identifications, but those events often don't occur until someone's late 20s or early 30s.

Romy Garrido, vice-president of external relations for the University of Calgary Students' Union, agrees with Longmire: the provincial vote was a good indication youth are swaying toward change.

"I'm not sure how youth will sway this time around, but I wouldn't be surprised if something similar happens at the federal level that happened at the provincial level given that young people had a huge impact in the provincial results," she said.

Garrido added, however, the impact of the youth vote will be dependent on voter turnout.

Regardless of how youth are inclined to vote, said Duane Bratt, chair of the department of policy studies at Mount Royal University said, young voters can't be trusted to mobilize.

Bratt said it's no secret that regardless of location around Canada youth tend to vote more progressive, but he said years of historical data show that young voters don't vote until they get older.

> **"I wouldn't be surprised if something similar happens at the federal level that happened at the provincial level given that young people had a huge impact in the provincial results."**
> Romy Garrido

Longmire said he's seen an increase in political awareness and a reduction in voter apathy on his social media feeds, but doesn't know if that will translate to more youth votes.

He's still going to vote, and he hopes others do too.

And, yes, Longmire plans to throw another election day party Oct. 19.

CAMPUSES

Campaigns push for greater student voice

Regardless of political stripes, young people are mobilizing in greater numbers and it's showing in local Get Out the Vote Campaigns on campuses. The University of Calgary has more than 4,100 people pledging to vote. Mount Royal is pushing to reach 5,000 of its students making the commitment to cast a ballot. Both schools have found success in reaching out to the thousands of new students coming to campuses for the first time. "We go out and do classroom visits and try to be at all the welcome back events," Madina Kanayeva, vice president external at the Students' association of Mount Royal University, told Metro. The University of Calgary's GOTV team is personalizing their engagement with reminder messages to exercise the franchise.

METRO

Voters win Munk Debate

ANALYSIS

'Substantive' exchanges help clarify views of the leaders

Steve Rennie
Metro | Ottawa

Now, that is how you hold a federal leaders' debate. Only a few instances of the leaders shouting over each other. Largely calm and respectful exchanges in both English and French. A moderator, flanked by a live audience, who doggedly kept the leaders in check.

Hats off to the Munk Debates. Other debate organizers should take note.

There was almost a note of surprise in the voice of Rudyard Griffiths, chairman of the Munk Debates, when he thanked the leaders after the first exchange for a "civil and substantive" debate. Who woulda thunk it?

The clear winner of the Munk Debate on foreign affairs was the Canadian voter, who saw three party leaders espouse three distinct views on the country's role on the world stage.

Here's my assessment of how each leader did:

Liberal Leader Justin Trudeau, Conservative Leader Stephen Harper and NDP Leader Tom Mulcair acknowledge the crowd from the stage at the Munk Debate on Canada's foreign policy, Tuesday, in Toronto. MARK BLINCH/THE CANADIAN PRESS

> **It's a responsible response. It is not based on the headlines.**
> Stephen Harper

> **The NDP has a clear plan to bring in 2,500 more police officers across the country.**
> Tom Mulcair

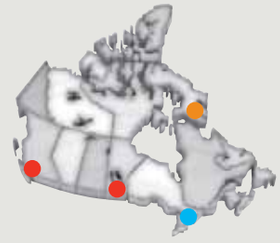
> **It's not about politics; it's about being the country that we have always been.**
> Justin Trudeau

Stephen Harper: B+

Tom Mulcair: B

Justin Trudeau: A

WHERE THE LEADERS ARE TUESDAY



- **Stephen Harper** will be in Vaughan, Ont.
- **Justin Trudeau** will be in Winnipeg and Richmond, B.C.
- **Tom Mulcair** will be in Iqaluit, Nunavut.
- Elizabeth May's itinerary was not available

Stephen Harper

A steady performance by the Conservative leader. Harper rarely gets animated in these debates, often preferring to sit back and let his rivals fight amongst themselves. He did that this time around, but he also put in a good performance, weathering his opponents' attacks while getting in a few jabs of his own. He seemed mildly exasperated at times, his tone one of seeming bewilderment that the other leaders don't share his positions.

He was surprisingly solid on the question about climate change, a perceived weak spot for his government. But his best exchange came after Trudeau said he doesn't like U.S. President Barack Obama. Harper shot back, asking the audience to imagine one of his rivals phoning up Obama on their first day in office and telling him that Canada is pulling out of the fight against ISIL.

"If you really want to poison the relationship, that would be the way to do it," Harper said.

Tom Mulcair

Mulcair needed a strong performance in this debate, with polls persistently showing the New Democrats' support is stalled in the 31 to 33 per cent range. He had some good zingers, often at Trudeau's expense, and eventually articulated when an NDP government would use military force in foreign conflicts. But far too often, Mulcair seemed the odd man out as the Liberal leader and Harper traded blows. He got in a nice jab in his closing statement, saying Canadians now have a choice between the Liberal sponsorship and Conservative Senate scandals.

Mulcair also got in a nice shot at Trudeau in response to a question about how each leader would stand up to Russian President Vladimir Putin, chiding the Liberal leader for voting in favour of C-51, the Conservatives' anti-terror legislation.

Justin Trudeau

This was probably Trudeau's best debate performance. He made his interjections mean something by using them far less than he did in the first two English-language debates. He was far less breathless and frenetic than he had been in other debates, particularly the Globe and Mail debate. You have to wonder if having a live audience to which he could play to had anything to do with his much-improved showing.

His best exchange of the night came when in response to what he characterized as attacks on the legacy of his father, former prime minister Pierre Trudeau. Trudeau, in his most passionate response of the night, cited the Charter of Rights and Freedoms and multiculturalism as some of his father's accomplishments. Then he pivoted, using another of his father's legacies — official bilingualism — to land a body blow on Mulcair.

"Bilingualism, which, as my father understood, Mr. Mulcair, means saying the same thing in French that you say in English," Trudeau said. The line drew an audible "ooh" from the crowd and left Mulcair at a bit of a loss.

POLICY

Tories sit alone on Bill C-24

The Conservatives went to great pains Monday to set themselves apart from their opponents on Bill C-24, saying a Liberal or NDP government would allow convicted terrorists who loathe Canada to roam the streets once they leave prison.

The bill, which became law in May, allows the federal government to strip Canadian citizenship from dual citizens convicted of terrorist offences.

The legislation has stoked controversy in recent days after the government announced Saturday that it revoked the citizenship of Zakaria Amara, a member of the so-called Toronto 18 terrorist group sentenced to life in prison in 2010.

Defence Minister Jason Kenney said Monday that because the NDP and Liberals have promised to abolish the law, Amara — who pleaded guilty to plotting to bomb downtown Toronto — would be free to walk the streets and travel with a Canadian passport after serving his sentence. Amara becomes eligible for parole in 2016.

In contrast, a Conservative government would ensure that Amara, who holds Jordanian citizenship, would be deported as soon as he's freed under the legislative authority of C-24, Kenney told a news conference in Levis, Que.

NDP Leader Tom Mulcair has opposed Bill C-24 and questioned the timing of the announcement to revoke Amara's citizenship, coming as it did in the middle of the campaign. Liberal Leader Justin Trudeau has said he would remove elements of the law on the basis it creates two classes of citizens.

THE CANADIAN PRESS

CAMPAIGN TRAIL

Invite Bloc to debate: Greens

The federal Green party is still holding out hope for an English-language campaign debate aired by the major television broadcasters — and it says Bloc Quebecois Leader Gilles Duceppe should be there.

The Greens are calling on CBC, CTV and Global to invite Duceppe, in keeping with the principle that any leader with MPs elected under their party banner should be asked to take part.

It marks the latest effort by the Green party — whose leader Elizabeth May is already invited — to revive interest in an event that may not happen at all.

Elizabeth May

Conservative Leader Stephen Harper has indicated he will not take part and NDP Leader Tom Mulcair says his participation is contingent on Harper being there.

The absence of two leaders could scuttle the debate, long a campaign fixture viewed by several million people.

However, Green party spokesman Julian Morelli says he's been assured the event will go ahead as long as Mulcair and Liberal Leader Justin Trudeau agree to participate.

THE CANADIAN PRESS

Spider-Mable saves day

CHILDREN'S WISH

Girl with cancer gives superhero a hand fighting crime on streets

Ryan Tumilty
Metro | Edmonton

Edmonton's pint-sized hero Spider-Mable has swung into action to help save Oilers captain Andrew Ference.

The six-year-old girl was living out her biggest wish on Monday, hanging out with Spider-Man and Black Cat, working to save Ference from the villain Mysterio.

The hero's day out was organized by the Children's Wish Foundation for Mable Tooke, who has been battling leukemia for the past two years.

The adventure began with a meeting with Mayor Don Iveson, followed by a briefing from Edmonton police on the jobs ahead, all with Spider-Man beside her.

Mable had time for just a few words, after a superhero lunch at West Edmonton Mall, before heading out: "It's pretty cool."

Spider-Mable, 6, a.k.a. Mable Tooke, rescues Black Cat in Edmonton on Monday as she gets her wish to do good with Spider-Man. JASON FRANSON/THE CANADIAN PRESS

Dressed in Spider-Man shoes, a Spider-Man costume and mask, along with a streak of red hair, Mable said she was excited to fight crime alongside the famous wall-crawler.

"He's smart and he's a superhero," she said.

> **We haven't found anything that intimidates her yet.**
> Neil Tooke, Mable's father

Mable's adventure included rescuing Black Cat with a trip across the West Edmonton Mall pool on a zipline, which she said didn't scare her one bit.

Superhero work comes naturally to Spider-Mable, according to her father, Neil Tooke, who watched from below as she streaked across the pool.

"She's adventurous, and we haven't found anything that intimidates her yet," he said. "We're going to spend a lot of time on the West Edmonton Mall zipline now."

He said that when the Children's Wish Foundation first approached them, Mable was told she could have anything or go anywhere she wanted, but she had only one thing in mind.

"She said, 'Mommy and Daddy, I just really want to spend some time with Spider-Man.'"

Her mother, Lisa Tooke, thanked everyone involved.

"It was the very start when she saw the little newscast calling for Spider-Mable. At first it was disbelief in her eyes, and then a slow smile appears, and then there was a big grin, and then she said, 'Let's go.'"

She said her daughter has one relatively light chemo treatment daily, along with heavier, more painful treatments once a week and "terrible" treatments every three months, so granting the wish is exceptional.

OBITUARY

Tenor Burgess, 70, dies

A family friend says Canadian tenor Michael Burgess has died at age 70.

Bruce Bowser says Burgess died in a Toronto hospice on Monday evening. He was surrounded by members of his family.

Burgess had been battling cancer for a number of years.

He was best known for his portrayal of Jean Valjean in the Toronto production of Les Miserables.

He also took the role across Canada on the first national tour of the production, as well as appearing for the 10th anniversary concert at Royal Albert Hall in London.

Burgess was known to hockey fans for singing the national anthem for many years at Toronto Maple Leafs home games.

He was also the first person to sing O Canada at a World Series baseball game.

Bowser says a funeral for Burgess is planned for Oct. 5.

THE CANADIAN PRESS

PORT COQUITLAM, B.C.

Teen stabs bear to rescue dog

Thandi Fletcher
Metro | Vancouver

A Port Coquitlam, B.C., teenager is lucky to be alive after he fought off a black bear and stabbed it with a kitchen knife to save his dog last week.

The terrifying encounter happened Wednesday around 8:30 p.m. when 15-year-old Pierce Ormiston, who was home alone, said he decided to let his dog, Dublin, out into the backyard.

Since the family often sees small bears around their home, he said, they always turn on the lights and clap their hands to check that it is safe — a routine Pierce said he followed before letting Dublin out that night.

"A minute later, I heard the dog barking like never before," he told Metro. "I went outside … and I just see a bear pounce on my dog. My dog was right under it. It wasn't one of the little bears. It was huge. It was probably a mom."

Pierce said he grabbed a pot and wooden spoon and starting banging on it repeatedly, trying to scare off the animal.

When the sound didn't deter the bear, Pierce ran toward the animal and hit it with the pot.

"I started tackling it, but it wasn't even looking at me," he said. "So I went inside and saw a knife on the counter. It's a six-inch kitchen knife."

Pierce Ormiston, 15, with his dog, Dublin . CONTRIBUTED

Pierce said he stabbed the bear in the back, freeing Dublin from under the bear. The pair ran back inside, and Pierce saw the bear sprinting around the backyard.

After a few minutes, he said, he couldn't see the bear anymore and decided to go back outside for the knife.

The bear was waiting on the deck.

"I took one step out and the bear inched forward to me," he said. "It was trying to get after me, so I went back inside and got away from the door."

Pierce said he and his dog huddled in the living room until the bear eventually wandered away.

Miraculously, Pierce said, he only suffered a few scratches on his legs from landing on a tree stump during the scuffle. His dog was also uninjured, albeit shaken.

He said he believes the knife is still in the bear's back.

Conservation officer Cody Ambrose said he had not received any reports of an injured bear in the area but that it is possible the animal managed to remove the knife itself.

"There's also the possibility that it carried on and died in the bush," he said.

"It scares me to death to think of what could have happened," said Pierce's mom, L.B. Ormiston.

"We could have had a very different outcome."

ROCKET SCIENCE

India launches first space observatory

India successfully launched its first space observatory and six satellites into orbit on Monday, officials said, the latest step forward for a country looking to become a major player in the lucrative space market.

The observatory, named Astrosat, was launched from Sriharikota in the southern state of Andhra Pradesh, said the Indian Space and Research Organization (ISRO). Astrosat will attempt a deeper study of the universe, especially star systems.

India's junior science minister, Y.S. Choudhury, said the launch of the observatory was part of Prime Minister Narendra Modi's vision for India's space program.

Modi, who is currently visiting the United States, tweeted his congratulations:

"Well done @isro. This is one more grand accomplishment for Indian science & our scientists."

Last September, India joined an elite club when it successfully guided its Mars Orbiter Mission, called Mangalyaan, into orbit around the Red Planet. Only the United States, the former Soviet Union and the European Space Agency had done that before.

In December, India launched the country's heaviest rocket, weighing 630 tonnes.

THE ASSOCIATED PRESS

5

The Astrosat has a mission life of five years and sends data to a control centre in Bangalore.

DISCOVERY

Water's flowing on Mars, NASA thinks

Mars appears to have flowing rivulets of water, at least in the summer, scientists reported Monday in a finding that boosts the odds of life on the red planet.

"Mars is not the dry, arid planet that we thought of in the past," said Jim Green, director of planetary science for NASA.

Scientists in 2008 confirmed the existence of frozen water on Mars. Now instruments aboard NASA's Mars Reconnaissance Orbiter have yielded what researchers said is the strongest evidence yet that water in liquid form trickles down certain Martian slopes.

And because liquid water is essential to life as we know it, the finding could have major implications for the possibility of microscopic life forms on Mars.

"It suggests that it would be possible for there to be life today on Mars," NASA's science mission chief, John Grunsfeld, said at a Washington news conference.

The rivulets — if that's what they are, since the evidence for their existence is indirect — are about 12 to 15 feet wide and 300 feet or more long, scientists said. They apparently consist of wet soil, not standing water, scientists said.

The water is believed to contain certain salts — not ordinary table salt, but magnesium perchlorate, magnesium chlorate and sodium perchlorate.

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IN BRIEF

Prison worker who aided jailbreak sentenced

A sobbing former prison worker who helped two murderers escape from a maximum-security lockup said she regretted her "horrible mistake" as she was sentenced to up to seven years as part of a plea deal.

Joyce Mitchell apologized profusely as she was sentenced to 2-1/3 to seven years in prison. Mitchell, 51, had pleaded guilty to charges related to providing hacksaw blades and other tools to inmates Richard Matt and David Sweat.

THE ASSOCIATED PRESS

Deadly Bangkok bombings may be linked: Thai police

Police on Monday gave their most detailed explanation yet of who they believe was behind last month's deadly bombing in Bangkok, for the first time publicly linking one of the suspects to previous blasts.

Authorities have said they believe the Aug. 17 bombing at the Erawan Shrine, which killed 20 people and injured more than 120, was carried out by a people-smuggling gang seeking revenge for having their operation curbed. THE ASSOCIATED PRESS

Russian President Vladimir Putin takes part in a luncheon hosted by United Nations Secretary-General Ban Ki-moon at the United Nations headquarters in New York. ANDREW HARNIK/THE ASSOCIATED PRESS

World leaders at UN split on Syria crisis

DIPLOMACY

Major powers discuss finding viable solution to conflict

Vladimir Putin played it cool, Barack Obama was earnest but firm and Iran's president walked in smiling.

World leaders glided through the opening day of a UN gathering that aims to wrestle with the globe's biggest crises — a historic flood of refugees, the rise of threats like the Islamic State group and the conflict in Syria.

The UN secretary-general for the first time called for the civil war in Syria to be referred to the International Criminal Court, while Iranian President Hassan Rouhani said Iran's recent nuclear deal with world powers had a broader goal: "We want to suggest a new and constructive way to recreate the international order."

Chinese President Xi Jinping made a $1-billion pledge for UN peace efforts.

And Jordan's King Abdullah II made a heartfelt defence of the kinder side of the Muslim world in the face of "the outlaws of Islam that operate globally today."

> **We want to suggest a new and constructive way to recreate the international order.**
>
> Hassan Rouhani, President of Iran

"When and how did fear and intimidation creep so insidiously into our conversation when there is so much more to be said about the love of God?" he asked, also quoting the Qur'an on mercy.

The king has called the rise of extremist groups like the Islamic State, and the crises they have caused, "a third world war, and I believe we must respond with equal intensity."

In his state of the world address to leaders from the UN's 193 member states, Ban Ki-Moon insisted on a political solution to the conflict in Syria, now well into its fifth year with more than a quarter of a million people killed.

Ban said five countries "hold the key" to a political solution to Syria: Russia, the U.S., Saudi Arabia, Turkey and Iran.

THE ASSOCIATED PRESS

Migrant children, newborns treated for flu as temperatures plunge in Croatia

Doctors treated migrant children — including newborns — for exposure as dropping temperatures Monday worsened the plight of asylum-seekers walking for days trying to reach sanctuary in Europe.

One group of migrants crossed into Croatia near the small village of Bapska, walking through cornfields and forests late Sunday to pass through a small gate that marks the border with Serbia.

Vladimir Bozic, a physician from Doctors without Borders, said he had treated many young children for temperature-related illnesses.

"We saw a one-month-old baby, even (one just) 15 days," Bozic said.

Volunteers from the UN High Commissioner from Refugees handed out blankets, warm drinks and food to those fleeing conflict and poverty in the Middle East, Africa and Asia.

Many are suffering in rising numbers from colds and the flu after days or weeks on the move in the rain and the mud.

"I expect even more, with the worsening of these cold conditions," Bozic said. "Winter is coming."

Migrants lined up at Croatia's Opatovac transit centre Monday to take trains out the country. About 78,000 asylum seekers have crossed into Croatia since Sept. 15, when Hungary closed its border with Serbia, diverting the migrants to Croatia.

Saed Al Mousawi, who fled from Afghanistan, said the drop in temperatures had made many feel unwell, especially the children. T h e route has been hard, but he's determined to keep going.

"We have dreams to have a peaceful life, without war, without any other distractions," he said.

Little peace remained, though, between Balkan rivals Serbia and Croatia.

THE ASSOCIATED PRESS

Hoverboards in patent war

TRANSPORTATION

Canadian entrepreneur not put off by legal battles

A Canadian entrepreneur is stepping into a fierce global patent war as he begins to sell a hands-free "hoverboard" he believes will revolutionize urban transportation.

Darren Pereira's Hüüver company has begun to sell online its brand of self-balancing electric boards called Üüboard. A Toronto dealership is in the works. The colourful units that travel up to about 10 km/h have motors that are propelled by movements detected from sensors near the feet.

"I think it's going to change the way we move," Pereira said in an interview from Toronto.

Two gyroscopes are so sensitive they detect small shifts in balance. Lean forward and the device moves forward. Lean back and it reverses. Move to the right and it turns that way.

The technology — described by some as mini-Segways without the poles — has drawn the ire of the New Hampshire-based company that first introduced its self-balancing personal vehicle in 2001.

Darren Pereira's company Hüüver has begun to sell online its Üüboard brand of self-balancing electric boards. MARTA IWANEK/THE CANADIAN PRESS

The subsidiary of China's Ninebot technology last week filed suit in Delaware for patent infringement against Inventist Inc., a Washington state company that sells transportation devices, including Hovertrax and Solowheel.

Ninebot said its second-generation units, launched in 2006, included patented LeanStar technology.

Inventist, however, said it has its own patents for "a two-wheel, self-balancing vehicle with independently movable foot placement sections."

It filed suit against Ninebot in China, and last June against Soibatian Corporation for their product, the IO Hawk. Billionaire Dallas Mavericks owner Mark Cuban then partnered with Inventist's founder, adding firepower to the effort to go after alleged copycats.

> **I think it's going to change the way we move.**
> Darren Pereira

Pereira, however, says the legal battles won't deter him from pursuing this business opportunity.

Several Chinese factories pump out thousands of units a day under various names including Oxboard, Cyboard, Future Foot, Monorover, Airboard, Freego, Esway and Overoad.

The Üüboard sells for $949 and comes with a one-year warranty, but rival products are available for between about $600 US and $1,800 US. Hüüver's Chinese supplier, Cube Electronics Tech, said they can be purchased directly for up to $200 US.

The hoverboards can be used on urban bike lanes and sidewalks, but Pereira said he's been asked to put his away at a Blue Jays game and in some shopping malls.

THE CANADIAN PRESS

TECHNOLOGY

Apple sells 13M new iPhones

Apple says it sold more than 13 million iPhone 6s and 6s Plus phones in the three days since its iPhone launch, topping last year's early sales mark.

Apple sold 10 million iPhone 6 and 6 Plus models during their first weekend last year. This year's results include sales in China, which was included in the initial launch for the first time. Apple said previously that preorders were so strong that it expected to surpass last year's record.

PiperJaffray analyst Gene Munster said results came in at the high end of his expectations for sales of 12 million to 13 million. He said China added about two million in sales.

The new models have more memory and faster processors, along with a new 12 mega-pixel camera, and starts at $649 US.

An Apple store in Chicago displays the company's iPhone 6s. KIICHIRO SATO/THE ASSOCIATED PRESS

Apple Inc. says the phones will be available in 40 additional countries beginning Oct. 9, including Italy, Mexico, Russia, Spain and Taiwan and 130 countries by the end of the year.

THE ASSOCIATED PRESS

VOLKSWAGEN SCANDAL

Germany probes ex-CEO's role

German prosecutors on Monday opened an investigation against former Volkswagen CEO Martin Winterkorn to establish what his role was in the emissions-rigging scandal.

The investigation will concentrate on the suspicion of fraud committed through the sale of vehicles with manipulated emissions data and aims to determine who was responsible, prosecutors in Braunschweig said in a statement.

In the German system, anyone can file a criminal complaint with prosecutors, who are then obliged to examine it and decide whether there is enough evidence to open a formal investigation. In this case, following the revelations about the rigged tests, prosecutors in Braunschweig, near VW's headquarters in Wolfsburg, received about a dozen complaints, including one from Volkswagen itself, said spokeswoman Julia Meyer.

THE ASSOCIATED PRESS

IN BRIEF

Women on boards varies by industry, size: Survey

A review of more than 700 companies listed on the Toronto Stock Exchange has found that the number of women on corporate boards and in executive positions varies by industry and company size. For example, about 60 per cent of companies with a market capitalization more than $2 billion reported having at least two female board members. And 59 per cent of the reporting issuers of that size said they had at least two female executive officers. THE CANADIAN PRESS

market minute

DOLLAR 74.66¢ (-0.44¢)

TSX 13,004.58 (-373.99)

OIL $44.43 US (-$1.27)

GOLD $1,131.70 US (-$13.90)

NATURAL GAS: $2.670 US (+3.9¢)
DOW JONES: 16,001.89 (-312.78)

#CARJOBS

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It's not what you think.

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metro VIEWS

Relax, dude: A new Forum poll of 1,557 Canadians found we're becoming more permissive of things we once stigmatized — including marijuana, prostitution and assisted suicide.

EMMA TEITEL: ON HARPER'S IMAGE ABROAD

There's something both morally suspect and frankly unconvincing about this "reputation" business — which asserts that Canada, once a shining example to the world, has fallen from grace.

What do Stephen Harper and Joan Jett have in common besides a burning love for rock and roll?

Neither, apparently, gives a damn about his or her reputation. Jett said so explicitly in her hit song Bad Reputation, released in 1980. And Harper, according to his foes, has quietly and deliberately diminished Canada's international standing as the True North Strong and Friendly since he entered the prime minister's office in 2006.

Thanks to the Conservative government, we often (annoyingly) hear, "Gone are the days when youngsters travelling abroad sewed miniature Canadian flags to their backpacks with pride." (An alternative explanation for this supposedly waning trend? Young people can't sew. Last year, researchers at the University of Missouri found that millennials are severely lacking, compared to their parents, in clothing repair and maintenance skills.)

Backpacker pride aside, though, according to an Angus Reid study released this week, "Canadians are twice as likely to say this country's reputation has worsened over the last decade as improved." And remarkably: "In spite of this view," reports Angus Reid, "they (Canadians) still choose Stephen Harper as the leader best suited to represent Canada on a number of key foreign issues, including terrorism and trade."

In other words, even supporters of Harper seem to be under the impression that the PM has significantly scarred the country's reputation.

We often hear, "Gone are the days when youngsters travelling abroad sewed miniature Canadian flags to their backpacks with pride." An alternative explanation ... Young people can't sew.

Like Joan Jett, Stephen Harper doesn't care one iota about his reputation, just as most of the rest of the world doesn't care about Canada's, writes Emma Teitel. GETTY IMAGES

Were Joan Jett not currently tied up, and were she remotely interested in the job, I wouldn't be surprised if she gave Harper a run for his money in the general election.

So supposedly devastating to our national standing is the PM's hawkish foreign policy, you'd think anyone besides Donald Trump would do a better job at salvaging the country's reputation. That is, assuming Canadian self-perception is accurate — assuming our reputation needs salvaging in the first place.

It's true: Harper has muzzled scientists, shown contempt for journalists, and served as an unhelpful (read: uncritical) friend to Israel. He appears to have little love for Canada's indigenous and refugee populations — nor its women, whom he has consistently snubbed in the election cycle.

But has Harper really marred our standing on the world stage in such a major way?

There is something both morally suspect and frankly unconvincing about this increasingly popular "reputation" business — which asserts that Canada, once a shining example to the world, has fallen from grace in a short period of 10 years. That Canada — regardless of its newfound conservative bent and hardline foreign policy — is top of mind to anyone outside its borders.

It seems as though obsessive anti-Harperism has given us a kind of national narcissistic personality disorder, where we assume the entire earth is talking in hushed tones about how much we've changed for the worse. (Harper may be the big bad wolf on Canadian soil, but he is small potatoes outside our borders.)

This sentiment is ridiculous when you consider that we are consistently named one of the most well-liked countries in the world. This summer, according to the CBC reporting on yet another best-nation reputation contest (this one spearheaded by Reputation Institute) "For the fourth time in six years, Canada has come out on top in a survey that tries to determine which country has the best reputation."

Harper may have altered our standing in the minds of activists and diplomats — where landmine clearance, women's contraception and refugee and aboriginal rights are concerned — but he does not have the power to eviscerate it the world over. Ignorance is actually, ironically, our best friend in this regard: The kinds of cheap generalizations we cringe at when travelling in the United States or Europe are a welcome alternative to the truth.

Ask a foreigner what he thinks of when he thinks of Canada, and it is unlikely he will evoke the prime minister with the icy stare steering a nation away from its soul. Instead, he will probably mention cold winters, Justin Bieber, poutine, Drake or any number of friendly stereotypes that inspire the trinkets we balk at in our airport gift shops: maple syrup, beavers, moose slippers. Some clichés, thank God, never die.

Emma Teitel is a national columnist for the Toronto Star. She has been a front-of-the-book columnist for Maclean's magazine for the past four years, focusing on a wide range of subjects including women's issues and popular culture. She won the National Magazine Awards gold award for columns in 2013.

YOUR RIDE

If we build a better transit system, riders will come

YOUR RIDE
Kathryn Hunt

OC Transpo has a thorny problem on its hands. Ridership isn't going up, and costs are. Since 2011, fewer people have been taking the bus each year, and the projections for the rest of 2015 aren't looking great.

At their last meeting (Sept. 14), the transit commission heard that OC Transpo was expecting a deficit of $11.5 million by the end of the year. Staff blamed a number of factors, some of which are simply fixed costs like maintenance and insurance, and the expense of running a transit system in cold weather.

Jacking fares up isn't going to fix this. Ottawa already has one of the highest fares in the country. As the price of a pass goes up, people may decide it's not worth it and opt to drive, carpool or switch to biking.

To be fair, that's not where the city is looking for the money this time: Instead, it's cutting staff and extras like printed bus maps.

But there's a sort of spiral that kicks in if a transit system starts to lose riders. Remember the optimization cuts in 2011? Inefficient routes, inner-city "milk runs" with many stops and route overlaps were cut back. But some of those changes had to be reversed right away, because of crowding on some routes and lack of service to others. And while the cuts saved about $14 million at the time, the transit system started losing riders at a rate of roughly five per cent a year.

In the short term, cutting costs or raising fares may get you to the end of the year. But in the long term, it's not under OC Transpo's control if downtown jobs start moving out of the core, to places which are harder to reach via transit. Add that factor, and you have the combined effect of transit that doesn't go where you need it to, and is too expensive when it does.

If the city wants the transit system to grow, it has to think long-term. Make it more convenient to use the bus than to drive. Assume, in new developments, that transit is the default. There are moves in that direction in Ottawa: Some of the new light-rail stations come with transit-oriented development plans. Businesses, offices and high-density residential areas will be clustered near each other. If you build it (and it's useful), they will come.

Make it more convenient to use the bus than drive. Assume, in new developments, that transit is the default.

Kathryn Hunt @k8thek8 is a writer, editor of Centretown BUZZ, storyteller, poet, cycling blogger, rock climber, mysterious techno vixen (confirmed) and geek. Not necessarily in that order. You can read her cycling blog at theincidentalcyclist.blogspot.ca.

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Commemorative Amy Winehouse box set to be released in December

Scientists love The Martian

Matt Damon is an astronaut stranded on Mars in The Martian, which opens this weekend.
CONTRIBUTED

ANALYSIS

Despite flimsy science, film shows planet's challenges

Surviving in space is hard and scientists say The Martian shows precisely what challenges astronauts will face on a pioneering mission to Mars, even though it contains some big inaccuracies right from the get-go.

Case in point — the colossal storm that causes the crew to abandon the movie's main character, botanist Mark Watney played by Matt Damon, would not have packed much of a punch on the Red Planet.

"The fundamental starting premise is completely incorrect," said Mars expert Scott Hubbard, a consulting professor in the department of aeronautics and astronautics at Stanford University.

Due to the thin atmosphere on Mars, wind speeds could only reach about half a hurricane's strength, and "would probably not be sensed by an astronaut — let alone pose the sort of threat seen in the movie."

Still, Hubbard and others say they are fans of the story — both the novel, written by Andy Weir, and the movie, directed by Ridley Scott — because it brings to life the obstacles NASA must overcome as it strives to send humans to Mars by the 2030s.

In the movie, NASA is already there, landing an ethnically diverse crew on the Red Planet, where Damon's character accidentally gets left for dead with about a month's supply of food.

Facing the prospect of waiting four years until a spaceship could get back to him, he is constantly thinking about what could kill him and how to avoid it — that is, when he is not dancing to the disco music left behind by his commander or vowing, "I am going to have to science the s— out of this," in order to survive.

"The thing we like about the movie is it shows how you think one, two, three steps ahead," said NASA astronaut Rex Walheim.

Some scenes from The Martian are based in science that's already happening. When Damon's astronaut grows potatoes on the Red Planet, it's possible astronauts could do such a thing. Scientists on Earth have figured out how to grow plants in harsh environments, as well as split carbon dioxide (CO_2) in order to get oxygen, and to split water (H_2O) to get oxygen.

What is missing is an experiment to test these techniques in a long-term Mars simulation on Earth, by sealing people off in an area with no outside oxygen or water and only their own tools for growing food and recycling waste. That hasn't been done in the United States since the Biosphere 2 project in the 1990s.

There is a year-long NASA-funded Mars simulation under way in Hawaii, but its focus is primarily crew psychology.

Retired NASA astronaut Leroy Chiao said he tried to leave his "technical hat" at the door when he saw the movie.

But there were a couple of scenes that were "implausible and too much," he said.

One involved an astronaut puncturing a glove to devise a thruster. The other came when a crew member crafted a makeshift bomb that blew up just one part of the spaceship.

"There is no way either one would work!" Chiao said.

But space policy expert John Logsdon said he expects the story will inspire young people to keep working on ways to get there. "I think the bottom line of both the book and the movie is yes, it is worth doing," he said.
AFP

> **The thing we like about the movie is it shows how you think one, two, three steps ahead**
> Astronaut Rex Walheim

HEALTH

Some early breast cancer patients can skip chemo

Many women with early-stage breast cancer can skip chemotherapy without hurting their odds of beating the disease — good news from a major study that shows the value of a gene-activity test to gauge each patient's risk.

The test accurately identified a group of women whose cancers are so likely to respond to hormone-blocking drugs that adding chemo would do little if any good while exposing them to side effects and other health risks. In the study, women who skipped chemo based on the test had less than a 1 per cent chance of cancer recurring far away, such as the liver or lungs, within the next five years.

"You can't do better than that," said the study leader, Dr. Joseph Sparano of Montefiore Medical Center in New York.

An independent expert, Dr. Clifford Hudis of New York's Memorial Sloan Kettering Cancer Center, agreed.

"There is really no chance that chemotherapy could make that number better," he said. Using the gene test "lets us focus our chemotherapy more on the higher risk patients who do benefit" and spare others the ordeal.

The study was sponsored by the National Cancer Institute in the U.S. Results were published online Monday by the New England Journal of Medicine and discussed at the European Cancer Congress in Vienna.
THE ASSOCIATED PRESS

Chemotherapy is administered to a cancer patient via intravenous drip. ISTOCK

INFANT NUTRITION

Model draws ire in opting for bottle

Deciding whether to nurse or bottle-feed babies may be a personal matter, but the backlash faced by Canadian supermodel Coco Rocha for her choice reveals how divisive opinions can be about how infants are fed.

Rocha spoke out on social media against the "unwanted advice" she's heard about her decision to feed formula to her infant daughter.

"Not that this is anyone's business — I loved breastfeeding Ioni for the first five months of her life and then one day my milk went dry. It happens to every mom at different times," the Toronto-born, Richmond, B.C.-raised Rocha wrote in an Instagram post alongside a photo of Ioni bottle-feeding.

Breastfeeding is recommended exclusively for an infant's first six months, and can be continued for up to two years or longer with supplementary feeding, according to a joint position statement by Health Canada and other national organizations. The Nutrition for Healthy Term Infants recommendations also recognized that infants many not be able to nurse exclusively.

Parenting blogger Jennifer Pinarski said she's spoken with other women who, like Rocha, found their milk supply "wasn't sustainable."

"The assumption is that if you are formula-feeding that there is something wrong with your body. That's already a personal attack on a woman," said the mother of two, who lives outside of Kingston, Ont. "But in terms of formula being a choice as well ... there shouldn't be anything wrong with that."

Registered nurse and lactation consultant Cindy Leclerc said one of the most common reasons women discontinue breastfeeding is the belief they don't have sufficient milk for their little one.

"A lot of the time, women actually do have enough, but their breasts may not feel as full or the baby might be fussy for other reasons. And women are quick to doubt themselves," Leclerc said from Saskatoon. Early skin-to-skin contact between mother and infant helps both with milk production and when babies are struggling to latch to the breast, Leclerc noted.

THE CANADIAN PRESS

Canadian model Coco Rocha's choice to bottle-feed her baby reveals conflicting attitudes about feeding. GETTY IMAGES

Self-employed and pregnant

MATERNITY LEAVE

A pregnancy is extra stressful when work is precarious

Kaitlyn Kochany
For Metro Canada

The day we found out I was pregnant, my husband went to work, and I went back to bed. I didn't sleep: I lay awake under the covers and wondered if we could afford to have this kid.

Just about every newly pregnant person has some variation of this thought: How am I going to afford this? For me, this question was doubly pressing.

Would I lose my job if I took time off? Could I work in the evenings, while my husband looks after the baby? We would have to buy diapers and clothes, furniture and toys, strollers and books — and that was just the baby's first year. Then there would be daycare, school trips, extracurricular lessons, college...

I'm self-employed. I contract out 20 hours each week as an administrative assistant. The rest of the time, I'm a freelance writer. I spend anywhere from 10 to 20 hours each week pitching stories, organizing interviews, and trying to hammer out my columns.

My work week stretches over all seven days, and I answer emails any time between six in the morning and midnight. Since I'm just launching my writing career, my take-home pay runs somewhere between $1,500 a month and $2,500, depending on if I've had a great writing month or a lacklustre one.

I'm part of the 52 per cent of GTA residents in part-time, contract, or temporary roles. I do my own payroll, set my own schedule, and "my office" is also known as "our living room."

My day-to-day freedom has been a blessing during this pregnancy. I can schedule midwife appointments around interviews, and take naps in the afternoon when fatigue gets the better of me. But that same freedom leaves me feeling unmoored. I left my last full-time job in March of this year, and was pregnant by May.

Canada requires self-employed people to pay into their employment insurance fund for a full year before they can claim any benefits, something that doesn't help those of us who are only pregnant for nine months. When the baby arrives in January, I will not be entitled to any paid maternity or parental leave.

My husband, who works full-time, will take some parental leave during the first few months. I plan to return to my full workload between two and six weeks after I deliver. I can work flexibly, and work from home, but I will still be working.

This isn't a path I wanted. But choosing not to work for any reason (including an illness, new baby, or to care for a sick relative) means my income disappears. My husband's salary — either the full amount, or the 55 per cent of his gross pay that he would collect during parental leave — won't cover our rent, grocery bills, and the added expenses of a brand-new family member. So, from now until the baby's birth, we'll save as much money as we can. When we exhaust that, he'll go back to work full-time, and I'll do the same, albeit with a newborn at my side.

> **When the baby arrives ... I will not be entitled to any paid maternity or parental leave.**

It's possible that this baby will be cute enough that he or she can be put to work right away as a child model, or we'll have a YouTube video of the kid laughing that lands us on daytime TV. But more likely, my husband and I will trade child-care duties and do our best to be together as a family when we can find the time. We'll rely on each other, and our friends and family, to keep the tumultuous early few months as even-keel as possible. And we'll celebrate!

Having a baby is exciting, something we have wanted for years. But that celebration won't be too lavish. After all, we'll be on a tight budget.

HEALTH

Pregnant? Freelancer? Things to consider:

Do I want maternity benefits? Once a self-employed person claims EI benefits, they're required to keep paying into the fund in perpetuity. Some women, especially those who are just starting out, may end up paying more into the fund long term than they'll receive during leave.

What do I need? Negotiate service and schedule changes based on your changing role with your clients ahead of time. For example, a C-section may have a longer recovery period and require more time off.

Who are my networks? There are thousands of self-employed parents making it work. Don't be afraid to ask for guidance and feedback from people with experience.

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UBC using emojis to teach consent

SEX ED

Survey: 67% of Canadians don't fully grasp concept

Thandi Fletcher
Metro | Vancouver

Two years after students made national headlines for singing a chant advocating rape during frosh week at the University of B.C., the school has launched a campaign using emojis to help educate students about sexual consent.

Posters have gone up across campus and pins are being handed out to students featuring six emoji faces and symbols that aim to explain how to tell if someone has given consent to sexual activity.

While the campaign aims to educate all students, Janet Mee, director of access and diversity, said it especially targets first-year students who are most vulnerable to being sexually assaulted at the start of the school year.

According to Canada's Department of Justice 2003 report on dating violence, on-campus sexual assaults usually occur within the first eight weeks of school.

"These are students that are likely away from home for the first time," Mee told Metro. "They're exploring their freedom, and they often don't understand the concept of consent."

A May 2015 survey commissioned by the Canadian Women's Foundation found that 67 per cent of Canadians don't have a full understanding of the definition of sexual consent — despite the finding that 96 per cent of those surveyed agreed sexual activity between partners should be consensual.

Many Canadians may be familiar with the No Means No slogan, coined by the Canadian Federation of Students more than two decades ago and printed on informational posters on university campuses across the country to raise awareness and to reduce the occurrence of sexual assault, acquaintance rape and dating violence.

But Mee said education about sexual consent has "moved beyond No Means No."

"Only an enthusiastic yes means I'm giving consent," she said. "The grey period where people get confused is around the maybes."

> **"It's catchy and recognizable for this age group.**
> Janet Mee

If someone is silent, hesitant, under the influence of drugs or alcohol, unconscious, or being coerced or coaxed, consent does not exist, said Mee. Under Canadian law, both verbal and behavioural consent is required for consensual sexual activity. Consent must also be ongoing and can be withdrawn at any time.

Mee said the emoji campaign helps to explain sexual consent in a way that transcends cultural and language barriers, is gender inclusive and internationally recognizable.

While some might think emoji are too lighthearted or silly for a campaign that addresses a serious issue, Mee argued that the images help make the topic of sexual assault more approachable.

"When you approach it with all of its complexities, many people won't engage in the conversation," she said. "Emojis are something that students are familiar with. It's catchy and recognizable for this age group."

The campaign is part of the university's four-pillar education plan that aims to help address and prevent sexual assaults on campus.

In 2013, a string of six sexual assaults occurred on campus that the RCMP believes to be committed by one individual. The high-profile assaults are still under investigation.

While the university is committed to addressing the issue, Mee said the emoji campaign is not related to the 2013 sexual assaults. "Stranger sexual assaults are very unusual," she said.

"The majority of sexual assaults, particularly on a university campus, are acquaintance sexual assaults, so somebody you know and it could even be somebody you know very well."

She said the number of sexual assaults reported to the university is surprisingly low.

Last year, five incidents of on-campus sexual assault were reported, three of which were reported to have occurred in student residences.

Mee said she hopes that initiatives like the emoji campaign will help students "feel like the university cares," and encourage more to come forward and report sexual assault.

If that happens, she said the number of reported sexual assaults at UBC will likely increase.

"Until we get really good at it," she said, "and then hopefully it will go down."

SCIENCE

Man bun baldness

Trendy top-knots can cause "traction alopecia." ISTOCK

Matthew Lee
Metro | New York

Hipsters beware, your sexy top-knot bun could be making you go bald. Scientists refer to a specific hair condition called "traction alopecia," which is baldness on the forehead and temples caused by extended pulling of the hair.

"They're putting traction on the hair follicles that the hair is not really meant to take," dermatologist Sabra Sullivan told Mic. "Traction alopecia in men is becoming more common."

Apparently this is nothing new and researchers, scientists and hair health experts have been warning people to not pull their hair back so tight. According to experts, "any hairstyle that creates overly tight hair pulling, regardless of gender, could produce irreversible long-term consequences," Mic stated. "Once you damage the hair follicle, it will not grow back," said Dennis Zuniga, a stylist at New York's Donsuki Salon. But not all hope is lost. You can still have your man bun — just don't pull it.

HEALTH BRIEFS

Dealing with sleep apnea can improve mood, too

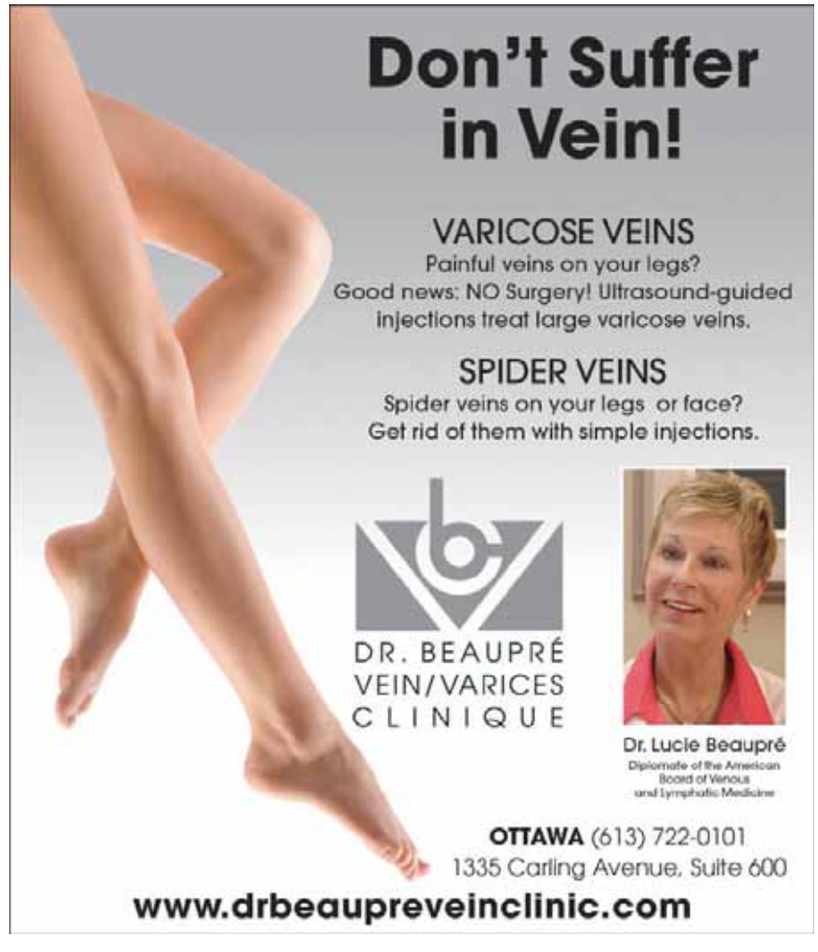
If you have obstructive sleep apnea, Continuous Positive Airway Pressure (CPAP) therapy might improve symptoms of depression. In a study, 73 per cent of sleep apnea patients were found to have "clinically significant depressive symptoms." However, (CPAP) therapy was shown to dramatically improve symptoms.

David R. Hillman, MD, a clinical professor at the University of Western Australia adds that people who suffer from snoring and daytime sleepiness might want to consider the connection with depression symptoms. METRO

Having sex won't give you a heart attack: Study

New research suggests no apparent relationship between sexual activity and heart attacks. Researchers found that just 0.7 per cent of participants reported having had sex within an hour of a heart attack.

Researchers say the majority of heart disease patients should be able to resume their sex lives without worry. METRO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Turning water into hummus beer

GALILEE

Microbrewery trend growing in Israel

In an industrial zone among the hills of Galilee in northern Israel, a ponytailed sociologist with an intolerance for gluten explained what he was up to: beer made with chickpeas and dates.

"It's a very Middle Eastern food," 52-year-old Bryan Meadan said of his gluten-free beer made with chickpeas, familiar to most through hummus and falafel. "Local beer with local products."

In the part of the world where Jesus is believed to have turned water to wine, enterprising Israelis are opting for beer — local, craft beer that often has a regional twist.

The microbrew movement taking hold in many countries, showing drinkers that a pint can mean more than bland lager, has been embraced in Israel as well. A wide range of local producers now have a firm foothold in the market. Meadan, who pursued brewing by first doing it at home, has a particularly niche operation, producing beer that is both gluten-free and made with chickpeas, dates and buckwheat.

Others have pursued a broader audience while emphasizing their products' local connection.

> **It's unfiltered, unpasteurized, very fresh.**
> Ofer Ronen, Srigim brewery

Drinking may not be the first thing that comes to mind when Jerusalem is mentioned, but a recent beer festival in the city drew thousands — some who came to party and listen to live music, but others to try the craft beers on offer. Microbrew booths handed out tastings in tiny plastic cups, with customers savouring the flavour as connoisseurs would with fine wine.

While overseeing his crowded booth at the festival, Ofer Ronen, co-owner of Srigim brewery, said he believed craft beers were growing in popularity because drinkers were beginning to see them as high in quality.

"It's unfiltered, unpasteurised, very fresh," said Ronen. "That's why the taste is very powerful."

Ronen had been working in a high-tech job before trading bytes for beers four years ago.

The numbers support what seems to be obvious when visiting Israel's bars and restaurants, where local craft beers often share menu space with the high-volume Goldstar and Maccabee brews.

Palestinians, too, have been producing their own beer. In the West Bank, the Taybeh brewery opened about a decade ago, while locally produced Shepherds beer recently entered the market.

In Israel, David Cohen was a microbrew pioneer when he opened Dancing Camel nine years ago. He now operates one of the country's main craft breweries. He also has two of his own pubs in Tel Aviv, one of which is at the brewery itself, with couches set up near copper-clad brewing tanks.

Cohen, a former New Yorker and ex-accountant who moved to Israel 12 years ago, produces 20 different beers over the course of the year. One of his ingredients is date honey. Another is juniper berries, which are used in his "Hey Ju-Boy!" beer — a play on the name he was frequently called while growing up Jewish in the Brooklyn borough of New York City. For Meadan, his small gluten-free brewery in Karmiel is only just getting off the ground.

He has chosen a slogan appropriate for beer produced in the Middle East: "Gluten intolerance is the only intolerance we tolerate." AFP

Bryan Meadan has chosen a slogan appropriate for beer produced in the Middle East: "Gluten intolerance is the only intolerance we tolerate." ISTOCK

STUDY

Paleo diet may have gotten wheat wrong

Our ancestors may have been harvesting grains 9,000 years earlier than originally thought. ISTOCK

Eva Kis
Metro | New York

A single tool found in a southern Italian cave is changing what we thought ancient humans ate.

An analysis of a combination pestle-grinder unearthed in the Grotta Paglicci found an ancient starch, thought to be a species of wild grain native to Europe, embedded inside.

The tool dates to 32,000 years ago — about 9,000 years earlier than when humans are thought to have begun farming grains.

Researchers aren't sure whether the flour was used to make bread, porridge or something else, though it's probably safe to say this isn't the cave where pasta began.

Nonetheless, it throws a wrench in the grain ban of the Paleo Diet, which shuns foods that are "new" to our tables like milk, beans, rice and flour.

Advocates of the Paleo Diet believe that new foods are to blame for the rise of modern health problems like heart disease and obesity.

I'LL HAVE WHAT PHIL'S HAVING

Mom's bad cooking inspires new show

Everybody Loves Raymond creator Phil Rosenthal is living a foodie's dream in his new TV series.

I'll Have What Phil's Having is a travelogue — eatalogue? — that makes restaurants the tourist stop of choice, following Rosenthal on a global excursion that includes his hometown, Los Angeles.

"With food, you're literally tasting the culture. I plan all my travelling around where to eat," said Rosenthal, whose six-episode series airs Mondays on PBS stations. Japan, Italy, France, Hong Kong and Spain are among the stops.

He's driven in part by a childhood tale of woe: He says his mother was a lousy cook, and not just because the family was on a budget.

"Meat was a punishment," he said. "Grey and flavourless and tough. Chewing it hurt," he said.

This is from a man who made comedy gold out of his parents' quirks in the hit sitcom Everybody Loves Raymond, which starred Doris Roberts and Peter Boyle as mom and dad to Ray Romano.

But Rosenthal insists he's not joking, and recalls asking friends in college to identify "these little white things" in his pasta sauce. Turned out to be garlic, something he'd never been fed by mom.

He's now a true believer in food as a sturdy bridge between people from different countries and backgrounds.

"For me, food is the way in. Food and laughs," he said in an interview, adding that "breaking bread is a time-honoured tradition of bringing us together."

Episode one of his PBS series includes a visit to Tokyo, where Rosenthal pushes the boundaries of his comfort zone. "I'm not Bourdain," he told reporters last month, referring to adventurous celebrity chef Anthony Bourdain. "No, I don't want to eat insects."

But he breaks that rule when presented with a dish that includes two formerly live ants artfully posed on a stem. "'Try it, it tastes like lemon,'" Rosenthal recalls being urged. "To which my reaction is, 'Could we just have the lemon, if that's the flavour we're going for?"'

But he eats the critters and is glad he dared himself. That holds true for his famous pals, including Martin Short, who make guest appearances.

"It was my favourite part of doing the LA show ... exposing these friends to things that they hadn't tried before in their own town," he said. A reluctant Short tried his first-ever Korean dish, kimchi fried rice, and pronounced it "the best thing I've ever had." THE ASSOCIATED PRESS

Phil Rosenthal, creator of Everybody Loves Raymond, is starring in a new food travel show. He believes that food is a great way to bridge cultures. WGBH/VIA THE ASSOCIATED PRESS

> **Meat was a punishment. Grey and flavourless and tough. Chewing it hurt.**
> Phil Rosenthal

metro SPORTS

"I would never complain about too short of a summer (after) winning a championship": NBA MVP Steph Curry is ready for training camp

IN BRIEF

Sens add sandpaper to 'D'
The Ottawa Senators have signed defenceman Mark Fraser to a one-year, two-way contract.

The deal will carry an annual value of $800,000 in the NHL and $125,000 in the AHL.

Fraser, 28, spent time with both the New Jersey Devils and the AHL's Albany Devils last season, recording four assists and 55 penalty minutes over 34 games with New Jersey. The Ottawa native registered three points (one goal) and 45 penalty minutes in 18 games with Albany.

Mark Fraser
GETTY IMAGES

THE CANADIAN PRESS

Blatter maintains innocence, lawyers say
Sepp Blatter told his staff he has done "nothing illegal or improper" and has no immediate plans to step down, the FIFA president's legal team said Monday.

Blatter was back at FIFA headquarters three days after being interrogated by Swiss investigators at the scandal-battered governing body's headquarters.

Blatter is expected to hand over power in February when an emergency election will be held, triggered by the president's resignation statement four days after being re-elected for a fifth, four-year term in May. THE ASSOCIATED PRESS

No rounding up to 200

MLB

Buehrle needs gem to reach his trademark inning plateau

Toronto's stalwart lefty, Mark Buehrle, far right, has seen his production tail off in the long second-half grind of the MLB season.
DARREN MCCOLLESTER/GETTY IMAGES

Time is running out for Mark Buehrle.

The 36-year-old Blue Jays lefthander stands 8-2/3 innings shy of reaching the 200-inning plateau for the 15th straight season. With one start likely left in Toronto's remaining seven games, he needs to dig deep to have a chance of extending his streak.

"Mathematically it's still there, but the chances and the reality, I think, are pretty slim," Buehrle said Sunday after pitching six innings in a 5-4 win over the Tampa Bay Rays.

"I've had plenty of opportunities this year to go deeper into games.... I've had opportunities, it just wasn't there. And if it comes to an end, it comes to an end. And the world's not going to end."

The only other players to pitch 200 innings for 15 straight seasons are Hall-of-Famers Don Sutton and Gaylord Perry.

Buehrle knows games of 3-1/3 innings in Boston earlier this month and four in Philadelphia in August were missed opportunities.

Asked if he might consider rejigging things to give Buehrle more of chance to reach the plateau, Toronto manager John Gibbons seemed of two minds.

"The bottom line is you're trying to win the game," said Gibbons. "As much as you'd like to, you can't let your heart get in the way of your head."

> **As much as you'd like to, you can't let your heart get in the way of your head.**
> John Gibbons, who must consider Mark Buehrle's milestone in the midst of an AL East title push.

Buehrle's next start is slated for Friday in Tampa.

"Then there's two games after that," Gibbons mused. "If we're sitting in a good spot, he might be able to come back and throw a few innings Sunday in a starting role. Who knows. I mean that may be a bit far-fetched but it's possible. If it doesn't affect what we want to do either, it could happen."

After Sunday's no-decision, Buehrle was asked whether it mattered if he threw 198 or 200 innings, given both numbers speak to his durability.

"Yeah but it's still not 200," he replied, "You like that round number starting with a two. Again if I do end up on 198, that could be it. I'm not saying I'm going to start on Sunday but I may go in and argue with them and beg with them and try to get that one extra start and just go for a couple innings."

491

Sunday was Buehrle's 491st consecutive start without a stint on the disabled list, the longest active streak.

Buehrle (14-7) has not felt his best in the second half of the season, however, and has had several starts pushed back due to general fatigue.

"He's gutting it out, like he always does," said Gibbons.

Buehrle, who becomes a free agent at the end of the season, says he has yet to decide his future. He made $20 million this season.

"I still feel like I'm capable of going out there and putting up good numbers," he said. "I mean I don't feel I'm at that point in my career that I can't get guys out."

Buehrle's career record is 213-159 with a 3.81 earned-run average over 3,276 innings.

THE CANADIAN PRESS

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NBA SCOOP DREAMS New Raptors big man Bismack Biyombo steps behind the camera during media day on Monday in Toronto. DARREN CALABRESE/THE CANADIAN PRESS

NHL EXPANSION

Bids 'will continue' for Las Vegas, Quebec

Las Vegas and Quebec City are moving closer in their bids to land a NHL franchise.

A Bill Foley-led group and Montreal-based communications giant Quebecor are in the third and final stage of a process to potentially bring the world's top hockey league to Las Vegas and Quebec City, respectively.

"They have been invited to make presentations to the Executive Committee on Tuesday," NHL Deputy Commissioner Bill Daly wrote in an email.

Later in the day, the committee will report to the NHL Board of Governors.

"Evaluation process will continue," Daly wrote. "No defined timeline."

Quebecor spokesman Martin Tremblay and Michelle Kersch, spokeswoman for Foley's group, confirmed their groups will make a presentation.

NHL Commissioner Gary Bettman said earlier this month the league is "not feeling any timeline pressure," in the expansion process. Bettman has proposed an expansion fee of $500 million, a significant jump from the $80 million fee paid by the Columbus Blue Jackets and Minnesota Wild, when the NHL last expanded to 30 teams in 2000.

It is expected to take at least two years before the NHL would potentially have 32 teams playing. The league has examined each market and both groups' arena plans after they were the chosen two out of 16 expansion applicants. THE ASSOCIATED PRESS

$10M

As part of the process, both groups submitted a $10 million down payment, $2 million of which was nonrefundable.

Habs hope to end nation's cup drought

NHL

Canadiens top oddsmakers list (18-1), Leafs are 100-1 shot

With individual accolades all around him at the NHL Awards in Las Vegas, Carey Price's mind was still on the Stanley Cup that had eluded him and his teammates.

"I'd trade all four of these in for that one," the star Montreal Canadiens goaltender said. "We have a lot of very good parts in Montreal and a very good hockey team. We're gaining experience and I'm very, very happy and very excited about our future."

Price is the biggest reason to be excited about the Canadiens' present and future. The reigning Hart and Vezina Trophy-winner is only one player, but his presence makes Montreal the most likely team to end Canada's Cup drought that currently sits at 21 seasons.

Oddsmakers give eight NHL teams better odds than the Habs (18-1), but they have the most realistic shot of any Canadian-based team. The Calgary Flames and Winnipeg Jets are 28-1, the Edmonton Oilers 33-1, Ottawa Senators 40-1, Vancouver Canucks 66-1 and Toronto Maple Leafs 100-1, according to the online sportsbook Bodog.ca.

If the Habs are going to lift the Cup for the first time since 1993, they'll need to do more to support a goaltender who is playing at the level of two-time Conn Smythe Trophy-winner Patrick Roy. Price led the league with 44 wins, a 1.96 goals-against average and .933 save percentage, but skaters have to score more and be better, too.

Canadiens goalie Carey Price chats with his replacement Zachary Fucale, a former Halifax Moosehead, during last Tuesday's game in Montreal. PAUL CHIASSON/THE CANADIAN PRESS

"We're fortunate to have him, and obviously as players we want to help him out a little bit more than we did last year," centre Tomas Plekanec said. "A big part was Pricey, which is one thing that obviously we want to get better at and play better in front of him."

> **"I'd trade all four of these for that one.**
> Carey Price on winning the Stanley Cup instead of individual awards

The Habs will have defenceman Jeff Petry for an entire season and should be better by having him on the second pairing behind one of hockey's most dynamic players in P.K. Subban. They also have a captain for the first time since Brian Gionta left in the summer of 2014, giving left-winger Max Pacioretty the honour. Talented forward Alex Galchenyuk moves to centre in the hopes of sparking his career.

For all the minor changes in Montreal, Price is the constant. And what a constant to have.

"My expectations for him are no different from what they've been since I started playing on this team and that's to remain and be one of the best goaltenders in the world," Subban said. "He proved that he could be that last year. He'll have to continue to prove that for our team to win a Stanley Cup."

Immediate Stanley Cup aspirations are hard to find elsewhere across Canada, though the Flames have real expectations on them this season after a surprise run to the playoffs ahead of schedule.

THE CANADIAN PRESS

ENGLISH PREMIER LEAGUE

Lukaku lifts Everton over West Bromwich

Romelu Lukaku scored two goals and set up another against his former club as Everton rallied from two goals down to beat West Bromwich Albion 3-2 Monday in the Premier League.

Lukaku slotted in the winner in the 84th minute with his second attempt after a cross from Gerard Deulofeu to complete the second-half comeback and lift Everton to fifth in the standings.

Saido Berahino and Craig Dawson had put West Brom 2-0 up by the 54th minute, a lead that a Tony Pulis-managed team had never before allowed to turn into a loss in the Premier League. But Lukaku started the fightback almost immediately when he headed in another perfect cross from Deulofeu, who provided a constant threat down the right flank. Lukaku then provided a perfectly weighted pass through the West Brom defence to set up Arouna Kone for the equalizer in the 75th. THE ASSOCIATED PRESS

Everton's Romelu Lukaku had reason to celebrate on Monday in West Bromwich. ALL PHOTOS GETTY IMAGES

RECIPE One Skillet Tomato Basil Chicken Pasta

PHOTO: MAYA VISNYEI

Ceri Marsh & Laura Keogh
For Metro Canada

Make dinner, not a mess with this delicious hearty one-pot meal.

Ready in
Prep time: 25 minutes
Serves 4

Ingredients

- 1 lb boneless, skinless chicken breast
- Kosher salt and pepper
- 3 Tbsps extra virgin olive oil
- 4 cloves of garlic, minced
- 1 28-ounce can of tomatoes
- 1 1/2 cups low-sodium chicken broth
- 1 cup water
- 2 cups penne pasta
- 1 cup freshly shaved Parmesan cheese, more for garnish
- 1 cup fresh basil leaves

Directions

1. Generously season your chicken breast with kosher salt and pepper. Cut chicken breast into 1-inch pieces.

2. Add olive oil to a large skillet over medium heat. Place the chicken in the pan and brown on all sides. Lower the heat, add garlic and cook for 1 minute.

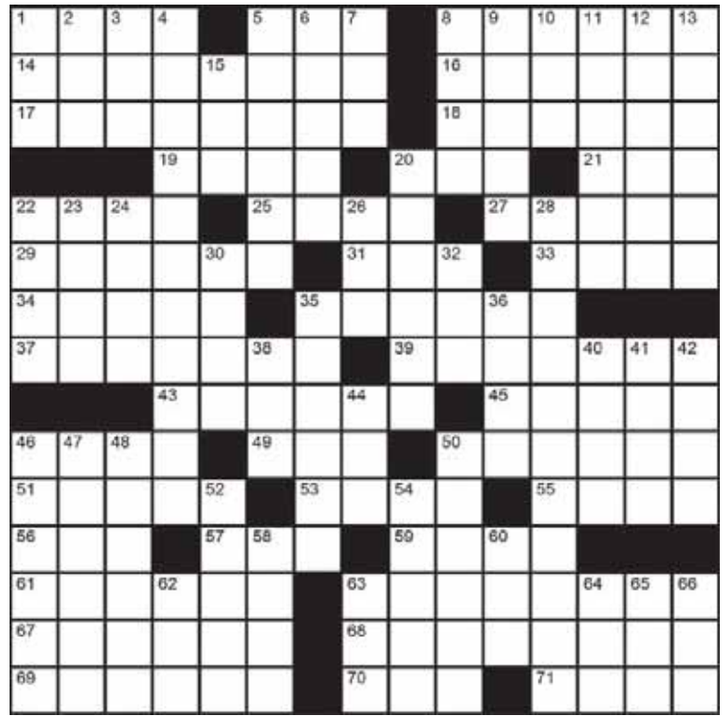
3. Add the tomatoes, chicken broth, water and uncooked pasta to the pan. Bring this mixture to a boil, then reduce heat to low. Cover the pan and cook for about 15 minutes. Remove cover and cook for another 5 minutes, or until liquid is reduced by half.

4. Remove your skillet from the heat and gently stir in the Parmesan cheese. Serve individual portions with a sprinkling of fresh basil leaves and a bit more Parmesan cheese.

FOR MORE MEAL IDEAS, VISIT SWEETPOTATOCHRONICLES.COM

CROSSWORD Canada Across and Down

BY KELLY ANN BUCHANAN



ACROSS

1. One-of-some in the vase's water
5. Male swan
8. Wife of Bobby Ewing on "Dallas"
14. Georges Bizet's famous aria sung by Carmen
16. Joyful
17. Rihanna tune on a cloudy day
18. Overseas
19. Stringed instrument of Japan
20. __ season (Ailment time)
21. Possessor's contraction
22. Commotions
25. "Long Day's Journey __ Night" (1962)
27. Distance runner on the track
29. 1986 horror flick inspired by the 1816 evening when Mary Shelley spawned the idea for Frankenstein
31. Sing wordlessly
33. People, in Paris
34. Chapel area
35. Spoken
37. Flips over the store's 'Closed' sign once again
39. Clawed, as a bird of prey
43. Biblical book/prophet
45. French word on a can of Campbell's
46. Incision's remnant
49. 1979 Wings album: 'Back to the __'
50. Plug insertion site
51. Hot chocolate
53. Cape Canaveral org.
55. Haws partners
56. Piece of food
57. Occurred
59. "Travelin' __" by Dolly Parton
61. 1951 mainframe computer
63. Huffy human-on-a-highway happening: 2 wds.
67. Backslide
68. Complaints from loud noises
69. War horses
70. Kingston Trio lettered tune
71. Door fastener

DOWN

1. Moo __ pork (Take-out dish)
2. __-o'-shanter
3. Dwindle
4. Recently-hired President and CEO for the Toronto Blue Jays: 2 wds.
5. Boston basketball player
6. Synthetic fibre
7. Sheared-one's sound
8. Ring loudly
9. Rock band's output
10. Scratch
11. Sparkler in le ciel
12. Do dough-raising
13. Puff __ (Viper varieties)
15. Keanu role
20. Quadrant
22. Culture medium
23. Bananas brand
24. Mr. Preminger
26. __ Beatles
28. Nickname of Inuvik landmark Our Lady of Victory: 2 wds.
30. Wraths
32. Entrepreneur's deg.
35. Peaceful hand creations
36. Likewise
38. Balmoral veto
40. Zap
41. Blade in sports
42. Investigators [abbr.]
44. Palindromic honorific
46. Thoroughly searches or examines
47. Trumpet-like instrument
48. Dynamic
50. World's biggest desert
52. Juno, for one
54. Short-tailed weasel
58. Behaves
60. Dietary letters
62. "Take Good Care of My Baby" by Bobby __
63. B.a.n.d. from Athens, Georgia
64. "Hunting High and Low" band
65. Some stoves
66. In particular, briefly

IT'S ALL IN THE STARS by Sally Brompton

Aries March 21 - April 20
You are stuck in a rut and need to find ways to make life more rewarding and exciting. Changes to your working routine can play a big role, so make that a priority.

Taurus April 21 - May 21
This could be and should be one of the most rewarding periods of the year for you but to make the most of it you need to be more active and adventurous. Take a few chances.

Gemini May 22 - June 21
Jupiter in the domestic sector of your chart is good for family relationships, so make it your priority to heal rifts with loved ones and relatives. Don't wait for them to make the first move — make it yourself.

Cancer June 22 - July 23
Something is not right and you must act on what your instincts tell you. No matter how appealing an offer may sound you must not get involved. Be blunt if you have to: don't worry about hurting others' feelings.

Leo July 24 - Aug. 23
Just because certain ways worked well in the past does not mean they will work well in the future. Look for unusual solutions to everyday problems.

Virgo Aug. 24 - Sept. 23
Don't hide yourself away. With Mars and Jupiter moving through your birth sign, you get what you want. You don't have to be subtle about it either — take charge.

Libra Sept. 24 - Oct. 23
You should be making serious progress towards your goals. If you're not then you need to ask yourself if maybe some of your methods need improving. Don't let retrograde Mercury undermine your confidence.

Scorpio Oct. 24 - Nov. 22
Let partners and colleagues know that you are ready to join the team. Too often you have been half-hearted about joint projects. Now be frighteningly enthusiastic.

Sagittarius Nov. 23 - Dec. 21
Others are sure to look up to you and follow your lead. Which might do wonders for your ego but do you actually know where you want to be going and why?

Capricorn Dec. 22 - Jan. 20
You are not as set in your ways as some people believe. Take the doubters by surprise. You will make a big impression on employers and other important people.

Aquarius Jan. 21 - Feb. 19
You are about to be made an offer you won't want to refuse but your suspicions could easily get the better of you. If so you are likely to regret it before the end of the year. Be bold.

Pisces Feb. 20 - March 20
Put your doubts and suspicions about a certain individual to the side and give them a chance to prove themselves. Almost certainly you have been too harsh in your judgment.

CONCEPTIS SUDOKU by Dave Green

Every row, column and box contains 1-9

	2	6	4	5	7			
		9			1	5	7	
		3			6			4
	3					4		1
9							6	8
8							5	
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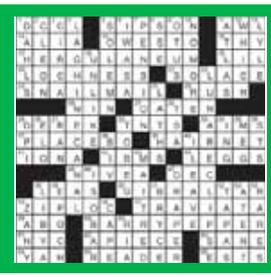

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6	9	8	7	1	4	3	2	5
3	7	2	8	6	5	4	9	1
4	3	9	1	5	2	6	7	8
5	6	7	9	4	8	2	1	3
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